

Alan Nguyen

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Education

B.S. Mathematics- Computer Science; Minor in Economics

University of California, San Diego

Graduated in Spring 2019

Experience

Software Engineering Intern, TECHCET CA, LLC

Sep 2017 – Aug 2018

- Developed a data scraping program that retrieves information to calculate the Altman Z-score of companies from sec.gov using Python.
- Programmed and conducted maintenance for the web pages of techcet.com, cmcfabs.org, and criticalmaterials.org using HTML, CSS, on WordPress and HostGator.

Virtual Reality Club, University of California San Diego

Jan 2018 – Jun 2018

- Initiated a VR modeling/gaming project using the Unity game engine.
- Attended workshops and conducted group discussions about the latest news within the Virtual Reality community.

Server, Regents Point – Senior Living Community

Jun 2013 – Jul 2015

- Served and explained the ingredients and nutrient values of daily meals for the senior citizens residing in the living community.

Application Developments

- “Heepz.com”: a travel website that directs users to affordable all-inclusive packages.
- Culinary Search Engine: webpage used to search for recipes using ingredient keywords.
- “Space Cats”: mobile game app that produces the same functions as “Flappy Bird”
- Github: <https://github.com/aln041>

Certifications

- Udacity – Android Development
- Udacity – 2D Game Development with libGDX
- Udemy – The Web Developer Bootcamp

Skills

- Proficient in: Java, C++, C, HTML, CSS, XML, Linux/Bash
- Working experience in: Python, JavaScript and SQL.
- Frameworks: Node.JS, React, libGDX
- Proficient guitarist/pianist/musician, Ableton Live 10 (music production software), music theory